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TITLE: Separation of molecules from dilute solutions using composite chromatography media having high dynamic sorptive capacity at high flow rates

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Detailed Description Text - DETX:

In another embodiment, the polymerization step can take place in the presence of a pore inducer. The pore inducers of the present invention allow polymerization of the gel to take place while maximizing the accessibility of the interior volume of the composite media. Suitable pore inducers, also referred to as porogens, used in the present invention include, but are not limited to, polyethylene glycols, polyoxyethylenes, polysaccharides such as dextran, and polar solvents. Polar solvents include those commonly used in chemical synthesis or polymer chemistry and known to those skilled in the art. Suitable polar solvents include alcohols, ketones, tetrahydrofuran, dimethylformamide, and dimethylsulfoxide. Preferred polar solvents are ethanol, methanol, dioxane, and dimethylsulfoxide.